

Exam Number/Code : BH0-010

Exam Name: ISTQB - ISEB Certified
Tester Foundation
Level (2010 Syllabus)

Version : Demo

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QUESTION 1

Given the following sample of pseudo code:

```
01 Input number of male rabbits
02 Input number of female rabbits
03 If male rabbits > 0 and female rabbits > 0 then
04 Input Do you want to breed (Yes / No)
05 If breed = No
06 Print deep male and female rabbits apart
07 End if
08 End If.
```

Which of the following test cases will ensure that statement 6 is executed?

- A. male rabbits = 1, female rabbits = 1, breed = Yes
- B. male rabbits = 1, female rabbits = 1, breed = No
- C. male rabbits = 1, female rabbits = 2, breed = Yes
- D. male rabbits = 1, female rabbits = 0, breed = No

Answer: B

QUESTION 2

In which activity of the Fundamental Test Process is the **test environment set up**?

- A. Test implementation and execution.
- B. Test planning and control
- C. Test analysis and design
- D. Evaluating exit criteria and reporting

Answer: A

QUESTION 3

Given the following decision table:

	Rule 1	Rule 2	Rule 3	Rule 4
Conditions				
Age	<21 yrs	21 - 29 yrs	30 – 50yrs	>50 yrs
Insurance Class	A	A or B	B, C or D	C or D
Actions				
Premium	£100	£90	£70	£70
Excess	£2,500	£2,500	£500	£1,000

Which of the following test cases and expected results is VALID?

- A. 23 year old in insurance class A Premium is 90 and excess is 2,500.
- B. 51 year old in insurance class C Premium is 70 and excess is 500.
- C. 31 year old in insurance class B Premium is 90 and excess is 2,500.
- D. 43 year old in insurance class C Premium is 70 and excess is 1,000

Answer: A

QUESTION 4

Which of the following are characteristic of test management tools?

- a) They support traceability of tests to source documents.
- b) They provide an interface to test execution tools.
- c) They help to enforce coding standards.
- d) They manipulate databases and files to set up test data.

- A. a and c
- B. b and c
- C. a and b
- D. b and d

Answer: C

QUESTION 5

Given the following state table:

	On	Off	Channel 1	Channel 2	Channel >2	Stby
Standby	Live	N	N	N	N	N
Live	N	Standby	Display Channel 1	Display Channel 2	N	Standby
Display Channel 1	N	N	N	Display Channel 2	Live	Standby
Display Channel 2	N	N	Display Channel 1	N	Live	Standby

Which of the following represents an **INVALID** transition (N)?

- A. Off fromisplay Channel 1?
- B. Channel 2 from Display Channel 1?
- C. Stby from Live?
- D. Channel 2 from Live?

Answer: A

QUESTION 6

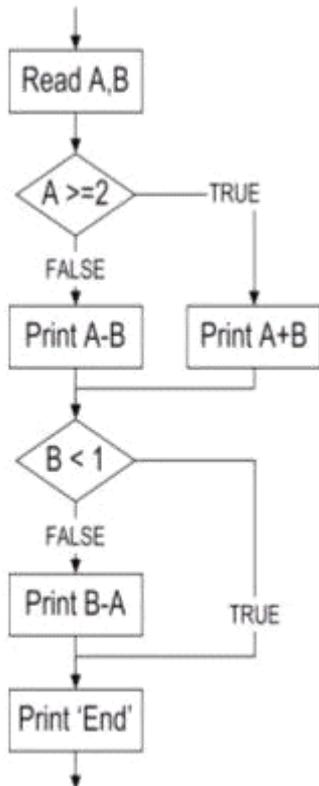
Which one of the following is a characteristic of good testing in any lifecycle model?

- A. Each test level has the same test objective.
- B. There should be more testing activities than development activities.
- C. Test design can only begin when development is complete.
- D. Testers should begin to review documents as soon as drafts are available.

Answer: D

QUESTION 7

Given the following flow chart diagram:



What is the minimum number of test cases required for 100% statement coverage and 100% decision coverage, respectively?

- A. Statement Coverage = 1, Decision Coverage = 3.
- B. Statement Coverage = 2, Decision Coverage = 3.
- C. Statement Coverage = 2, Decision Coverage = 2.
- D. Statement Coverage = 3, Decision Coverage = 3

Answer: C

QUESTION 8

Which of the following are **structure-based** techniques?

- a) Decision table testing
- b) Boundary value analysis
- c) Multiple condition coverage
- d) Use case testing
- e) Decision testing

- A. a and c.
- B. b and d.
- C. b and e.
- D. c and e.

Answer: D

QUESTION 9

A system specification states that a particular field should accept alphabetical characters in either upper or lower case. Which of the following test cases is from an INVALID equivalence partition?

- A. Feeds
- B. F33ds
- C. FEEDS
- D. fEEDs

Answer: B

QUESTION 10

Which of the following is an example of a product risk?

- A. Software that does not perform its intended functions
- B. Failure of a third party
- C. Problems in defining the right requirements
- D. Skill and staff shortages

Answer: A

QUESTION 11

A system under development contains complex calculations and decision logic, and it is assessed as high risk because of the relative inexperience of the development team in the application domain. Which of the following would be the MOST appropriate choice of test design technique for component testing?

- A. Decision testing.
- B. Statement testing
- C. State transition testing
- D. Equivalence partitioning

Answer: A

QUESTION 12

Which of the following statements are true in relation to component testing?

- a) Stubs may be used.
- b) May cover resource behaviour (e.g. memory leaks).
- c) Tests the interactions between software components.
- d) Defects are typically fixed without formally managing these defects.

- A. a, c and d
- B. a, b and d
- C. b, c and d
- D. a, b and c

Answer: B

QUESTION 13

Which tasks would USUALLY be performed by a test leader and which by the tester?

- a) Adapt planning based on test results.
 - b) Create test specifications.
 - c) Plan tests.
 - d) Write or review a test strategy
-
- A. c and d by the test leader; a and b by the tester
 - B. a and b by the test leader; c and d by the tester.
 - C. a and d by the test leader; b and c by the tester
 - D. a, c and d by the test leader; b by the tester.

Answer: D

QUESTION 14

Pair the correct test design techniques (i to v) with the category of techniques (x, y and z):

- i) Exploratory Testing
- ii) Equivalence Partitioning
- iii) Decision Testing
- iv) Use Case Testing
- v) Condition coverage

- x) Specification-based
- y) Structure-based
- z) Experienced-based

- A. x = i and ii; y = iii and v; z = iv.
- B. x = i, ii and iv; y = v; z = iii
- C. x = ii and iv; y = iii and v; z = i.
- D. x = iii and iv; y = v; z = i and ii.

Answer: C

QUESTION 15

Which of the following activities should be performed during the selection and implementation of a testing tool?

- A. Determine whether the organisation existing test process needs to change.
- B. Conduct a proof of concept.
- C. Implement the selected tool on a project behind schedule to save time. d) Identify coaching and mentoring requirements for the use of the selected tool
- D. a, b and c.

Answer: D